

APRIL/MAY 2024

**CESC64C — SOFTWARE QUALITY  
ASSURANCE**

Time : Three hours

Maximum : 75 marks



**SECTION A — (10 × 2 = 20 marks)**

Answer ALL questions.

1. Define Quality Control.
2. Mention any two characteristics of software quality.
3. What is Software testing?
4. List out the types of BBT.
5. What is called Procedure?
6. Define the term Documentation.
7. Comment on Progress control.
8. Give any two types of cost quality.
9. Write the significance of Classic model.
10. Name any two standards in software process.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Enumerate the activities of software quality factors.

Or

- (b) Outline the Product view of software quality.

12. (a) Enlist comparisons between Validation and Verification.

Or

- (b) Summarize the documentation testing.

13. (a) Expound the various types of CAPA process.

Or

- (b) Explain the responsibilities of certification committee.

14. (a) Write short notes on Software quality metrics.

Or

- (b) Briefly describe the categories of prevention costs.

15. (a) Exhibit the various levels of Capability Maturity Model.

Or

- (b) Briefly discuss about the types of trustees.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Elaborate the pre project quality components.

17. Discuss about the Black box testing.

18. Explain the main objectives of training and certification.

19. Give an account on major components of project progress control.

20. Describe about various categories of Committees.